

## **A protective role of murine langerin<sup>+</sup> cells in immune responses to cutaneous vaccination with microneedle patches**

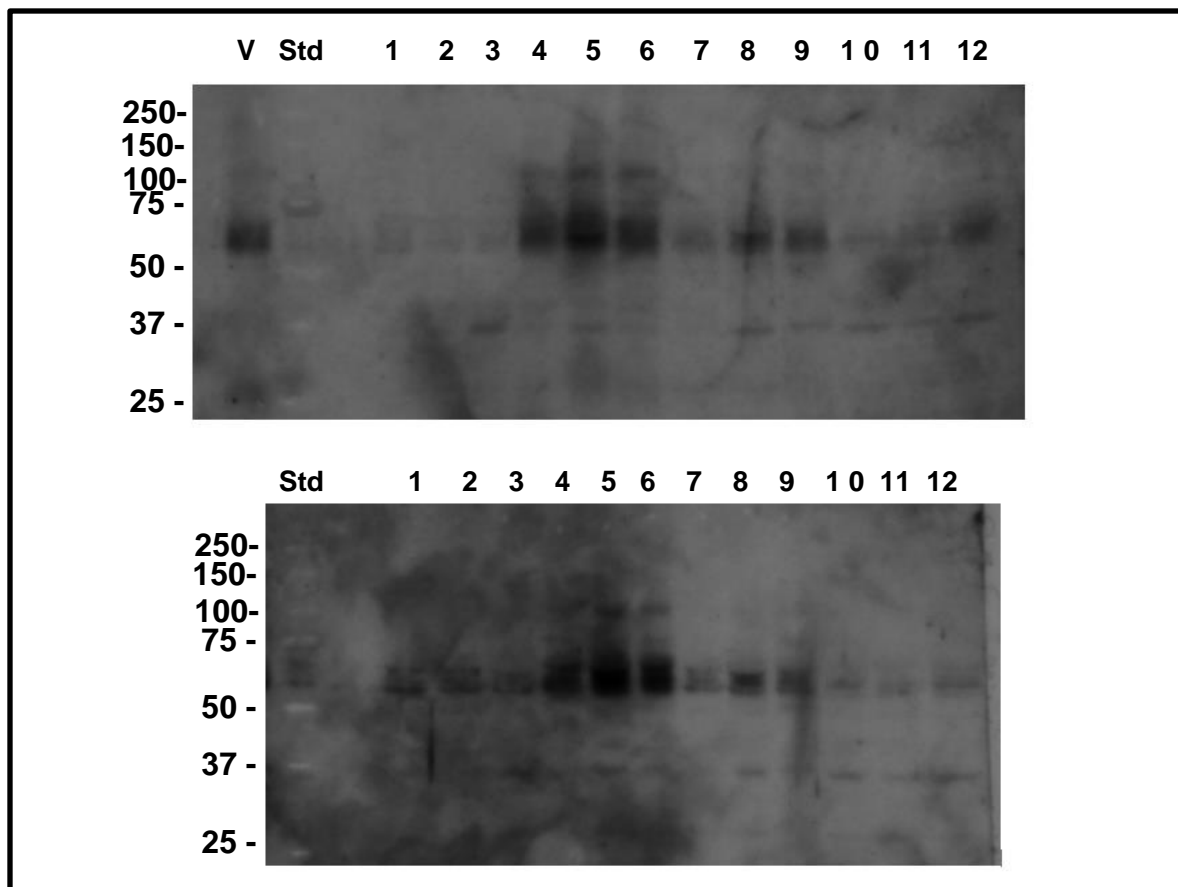
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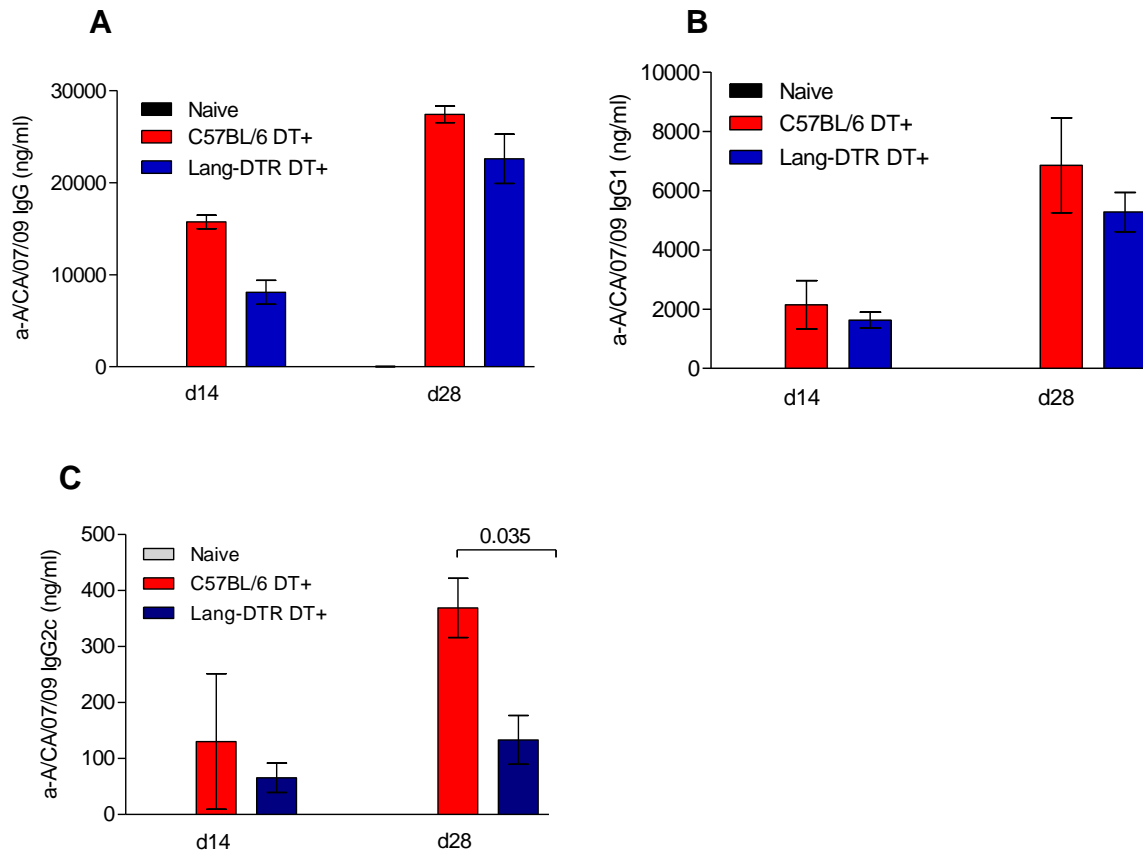
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**Supplementary Figure 1. The original scans of Western blots used to create panel B in Figure 1.** Lane numbering is the same as in Figure 1B, the samples are repeated on both gels. Std: molecular mass standards



**Supplementary Figure 2. Humoral immune responses in wild type and Langerin-EGFP DTR mice treated with DT prior to immunization with microneedles.** C57BL/6 mice (wild type) and Langerin-EGFP DTR mice were treated with DT two days prior to microneedle immunization. Sera were collected 14 and 28 days after immunization and anti-influenza binding antibody titers, (a) IgG, (c) IgG1 and (c) IgG2c, were determined by ELISA. Values are expressed as mean +/- SEM (n ≥ 5).